



Anemometer (4 Dial)



ANEMOMETER consists of a small fan or air turbine set at an angle of 40° to 45° to the direction of Air Flow which rotates the vanes at a speed proportional to the air velocity. The shaft or spindle actuate, through gearing, a series of pointers on the dial face of the meter, so indicating the distance in meters travelled by air in a given time. A clutch is fitted to enable the dial pointers to be put in or out of gear as required.

Anemometer supplied by us has got one large dial and three small dials. The large dial is marked off into 100 divisions, each representing 1 metre of air travel. The smaller dials are marked of into 10 divisions. The air velocity can be calculated by dividing the reading obtained through pointers by the time recorded in the stopwatch.

There is a key which can be engaged at the back of the dial and the pointers of smaller dials can be brought to zero.

The Parameter of Mechanical Anemometer

Specification	Particulars
Sensor	8 Light weight vanes
Operating wind speed range	0 - 15 m/s
Starting Speed m/s	Less than 0.5 m/s
Minimum indication/ Resolution	1 meter
Tolerance/ Accuracy	10 meter or less: ± 1.0 m/s, More than 10 meters: $\pm 1.0\%$
Measuring Range	1,00,000 Meters (4 Dials) Major Dial 1 to 100 meters, 3 Minor Dial 1,000 10,000 and 1,00,000 meters
Dimension & Weight (approx)	$\Phi 108 \times 45$ mm , 0.7 Kgs
Accessories	Zero setting key, Carrying case, Correction table



Micon Engineers

25 NETAJI SUBHAS ROAD, KOLKATA 700001
PHONE : 033-2230-9138/8378, FAX : 033-2230-8378
Email : info@miconeng.com, website: www.miconeng.com

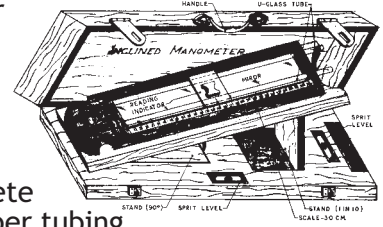
ANEROID BAROMETER

Is available in 100 mm (4") size and can be used for the measurement of the atmospheric pressure.



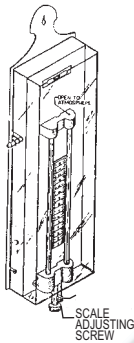
INCLINED MANOMETER

Inclined Manometer finds the pressure with a great accuracy. The frame can be locked in two positions. 1 in 10 for measurement of smaller pressure and at right angle measurement of larger pressure. It is supplied complete with tripod and rubber tubing.



PIT WATER GAUGE

Water Gauge comprise two no. 6mm straight glass tubes terminating into a brass block with a connecting passage. One limb is open to atmosphere & other is connected to fan drift. A tap is provided to close the connection while taking reading. A scale with adjusting screw is mounted behind the glass tubes. **Operation** : (a) Check that bubble of spirit level in center. (b) Bring Zero of scale in alignment with lower water level. (c) Pressure difference between two limbs is indicated by scale reading. **Specification** : Scale range= 150 mm, Least count= 1 mm.

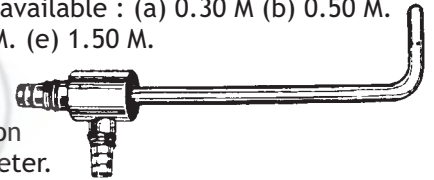


PITOT STATIC TUBES

Constructed accurately from Stainless Steel, these Pitot tubes employ the latest principles in their construction.

Range of Pitot tubes available : (a) 0.30 M (b) 0.50 M. (c) 1.00 M. (d) 1.20 M. (e) 1.50 M.

Possible measuring range 0-25 metre/seconds in conjunction with suitable Manometer.



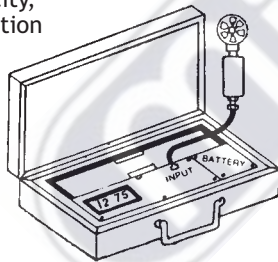
ELECTRONIC VELOMETER / ANEMOMETER

Velometer directly reads Air Velocity, gives instant readings - no integration with time is required

Features

- Compact
- Accurate reading
- Light weight
- Single long lasting battery
- Fast Reading
- Low battery indicator

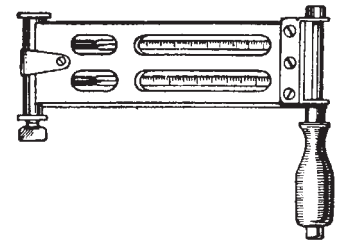
Measuring range : 0.4 to 30.0 m/s.



HYGROMETER

(a) 'Micon' WHIRLING HYGROMETER permits accurate determination of relative humidity. The instrument is supplied in a carrying case.

(b) ASSMAN PSYCHROMETER is also available.



SAMPLING TUBES

'Micon' Sampling tubes are manufactured from Corning glass and are available with 2 way or 3 way stopcocks. Range is 150 cc, 250 cc. And 500 cc. Other sizes are available on request.

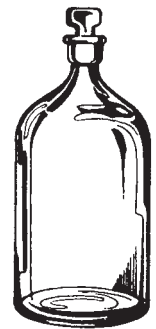


WINCHESTER BOTTLE

Winchester Sampling Bottles are available in 1 Ltr. 2 Ltrs. & 5 Ltrs. Sizes.

GASANALYSIS APPARATUS :

- (a) Haldane
- (b) Graham Lawrence.



ANEMOMETER REPAIRING CAN BE UNDERTAKEN